

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

SYSTEM AND METHOD FOR DETECTING AN OBJECT

the specification of which is attached hereto unless the following box is checked:

☐ was filed on _____ as United States Application Number or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56. I hereby claim foreign priority benefits under Title 35, United States Code § 119(a) – (d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application

(Number)

(Country)

(Day/Month/Year Filed)

Priority Claimed

☐ Yes ☐ No

(Number)

(Country)

(Day/Month/Year Filed)

☐ Yes ☐ No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any **United States provisional application(s)** listed below.

60/493,589
(Application Number)

8/7/03
(Filing Date)

(Application Number)

(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any **United States Application(s)** listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Number)

(Filing Date)

(Status-patented, pending, abandoned)

I hereby appoint the following registered attorneys and/or agents to have full power to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, **CUSTOMER NO. 006147**.

WILLIAM E. POWELL, III, REG. NO. 39,803

Christian G. Cabou, Reg. No. 35,467, Donald S. Ingraham, Reg. No. 33,714, Patrick K. Patnode, Reg. No. 40,121, Henry J. Policinski, Reg. No. 26,621, James W. Mitchell, Reg. No. 25,602, Bernard Snyder, Reg. No. 24,843, Catherine J. Winter, Reg. No. 38,364, Scott R. Hayden, Reg. No. 41,821.

Address all telephone call to: WILLIAM E. POWELL, III at telephone number (518) 387-4530

Address all correspondence to: **General Electric Company
Patent Docket Room 4A59
P.O. Box 8, Building K-1
Schenectady, New York 12301
CUSTOMER NO. 006147**

DECLARATION FOR PATENT APPLICATION

I hereby declare that all statements made herein are of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SOLE OR FIRST INVENTOR:Full name: FORREST FRANK HOPKINS

First Name

Middle Name

Last Name

Signature: Forrest Frank HopkinsDate: Dec. 19, 2003Residence: SCOTIA, NY

City and State

Citizenship USAPost Office Address: 21 WASHINGTON AVE., SCOTIA, NY 12302

139681-2

DECLARATION FOR PATENT APPLICATION

I hereby declare that all statements made here in are of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SECOND JOINT INVENTOR:

Full name: PETER MICHAEL EDIC
First Name Middle Name Last Name
Signature: *Peter M. Edic* Date: 12/19/03
Residence: ALBANY, NY Citizenship: USA
City and State
Post Office Address: 55 MANNING BLVD., ALBANY, NY 12203

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*** TOTAL PAGE.02 ***

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THIRD JOINT INVENTOR:

Full name: SAMIT KUMAR BASU

First Name

Middle Name

Last Name

Signature: Date: 12/20/2003Residence: NISKAYUNA, NY

City and State

Citizenship USAPost Office Address: 1920 BAKER AVE., NISKAYUNA, NY 12309

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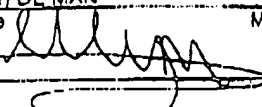
BOOKET NUMBER

139681-2

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FOURTH JOINT INVENTOR:

Full name: BRUNO (NMN) DE MAN
First Name Middle Name Last Name
Signature:  Date: 12 / 19 / 03
Residence: CLIFTON PARK, NY Citizenship BELGIUM
City and State
Post Office Address: 7 BONNIVIEW CT., CLIFTON PARK, NY 12065

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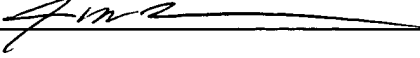
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FIFTH JOINT INVENTOR:Full name: JAMES WALTER LEBLANC

First Name

Middle Name

Last Name

Signature: Date: 12/19/03Residence: NISKAYUNA, NY

City and State

Citizenship USAPost Office Address: 2252 BERKLEY AVE., NISKAYUNA, NY 12309

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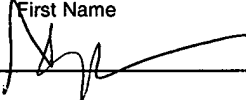
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SIXTH JOINT INVENTOR:Full name: XIAOYE (NMN) WU

First Name

Middle Name

Last Name

Signature: Date: 12/19/2003Residence: REXFORD, NY
City and StateCitizenship USAPost Office Address: 4 PARTRIDGE GLEN, REXFORD, NY 12148

DECLARATION FOR PATENT APPLICATION

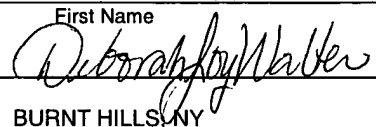
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SEVENTH JOINT INVENTOR:Full name: DEBORAH JOY WALTER

First Name

Middle Name

Last Name

Signature: Date: 12/19/03Residence: BURNT HILLS, NY
City and StateCitizenship USAPost Office Address: 22 EDGEWOOD DR., BURNT HILLS, NY 12027

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EIGHTH JOINT INVENTOR:Full name: WILLIAM ROBERT ROSS

First Name

Middle Name

Last Name

Signature: Date: 12/20/43Residence: SCOTIA, NY

City and State

Citizenship USAPost Office Address: 19 WASHINGTON RD., SCOTIA, NY 12302

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NINTH JOINT INVENTOR:Full name: COLIN RICHARD WILSON

First Name

Middle Name

Last Name

Signature: *Colin Richard Wilson*Date: 19th Dec. 2003Residence: NISKAYUNA, NY

City and State

Citizenship UNITED KINGDOMPost Office Address: 882 WARNER RD., NISKAYUNA, NY 12309

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TENTH JOINT INVENTOR:

Full name: RICARDO SCOTT AVILA

First Name

Middle Name

Last Name

Signature: *Ricardo Scott Avila*Date: 12/18/2003Residence: CLIFTON PARK, NY

City and State

Citizenship USAPost Office Address: 3 JAMISON DR., CLIFTON PARK, NY 12065

DECLARATION FOR PATENT APPLICATION

I hereby declare that all statements made herein are of my own knowledge are true and that all statements made on information and belief are believed to be true and further that the statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

ELEVENTH JOINT INVENTOR:

Full name: ROBERT AUGUST KAUCIC, JR.

First Name

Middle Name

Last Name

Signature: Robert August Kaucic JrDate: 19 Dec 2003Residence: NISKAYUNA, NY
City and StateCitizenship USAPost Office Address: 2078 ORCHARD PARK DR., NISKAYUNA, NY 12309